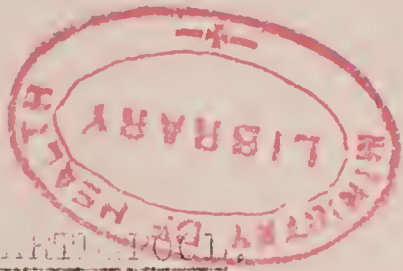


HEALTH  
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COUNTY BOROUGH OF WEST HARTFORD

I N T E R I M   R E P O R T

of the

MEDICAL OFFICER OF HEALTH

for the year 1942

by Dr. J.W. McKeggie, M.B., Ch.B., D.P.H.

Medical Officer of Health,  
Tuberculosis Officer, and  
School Medical Officer.

---



*With  
The Medical Officer's  
Compliments.*

HEALTH DEPARTMENT,  
DURHAM HOUSE,  
VICTORIA ROAD,  
WEST HARTLEPOOL

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INTERIM REPORT  
of the  
MEDICAL OFFICER OF HEALTH  
for the year 1942.  
-----

Public Health Department,  
Victoria Road,  
WEST HARTLEPOOL.

August, 1943.

To the Mayor, Alderman and Councillors  
of the County Borough of West Hartlepool.

I have the honour to present my 13th Annual Report on the health and sanitary circumstances of the County Borough of West Hartlepool.

Again the report is abridged and various figures are omitted in the interests of national security.

The health of the citizens, judged from a statistical point of view within the scope of information available in this department, has been well maintained, and the significant figures are much more favourable than last year and compare very favourably with figures over the past 10 years.

The death rate, significantly lower than last year, is even less than the average for the past 10 years and the same remarks apply to the infantile mortality rate.

The birth rate is higher than last year and just approximates to the average for the past decade.

The incidence of tuberculosis remains much the same as last year, but with a total number of deaths 64 for all types as compared with 81 last year.

Attendances at Maternity and Child Welfare clinics showed a definite increase, and children up to 5 years of age made a total attendance of 32,677 as compared with 25,006 last year.

Scabies, although still too prevalent, has been tackled by treatment at two centres and I think I can say, at the moment of writing, there has been a very definite improvement.

Scarlet fever and diphtheria showed an increase, but there is a substantial improvement in the mortality rate.


The above is a short resume of the outstanding figures in a fairly good health year, which, as I have pointed out, compares favourably with pre-war times.

In the running of the department much valuable work has been carried out by a very depleted staff, to whom my thanks are extended for their considerable help in difficult times. Every help and encouragement has also been afforded by the members of the Health Committee, to whom my grateful thanks are due.

I am,  
Your obedient servant,

J.W. McKEGGIE.  
Medical Officer of Health.





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STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area (acres) .. .. .	4,473
Population (Census 1931) .. .. .	68,134
Number of Inhabited Houses on 31st Dec. 1942 according to the Rate Books .. .. .	18,500
Rateable Value (1st April, 1942) .. .. .	£394,358
Sum represented by a Penny Rate .. .. .	£1,467
Birth Rate .....	18.76
Death Rate .....	12.68
Infantile Mortality Rate .....	64.0
For purpose of calculation of Birth Rate, Infantile Mortality Rate and Maternity Mortality Rate - Total Births .....	1151

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.

LIVE BIRTHS -	Total	Male	Female
Legitimate	1082	544	538
Illegitimate	69	38	31
Birth Rate per 1,000 of the Estimated resident population .....	18.76		
STILLBIRTHS -	Total 47		
Rate per 1,000 total population .....	0.76		
DEATHS -	Total 778		
Death Rate per 1,000 of the estimated resident population .....	12.68		
Deaths from Puerperal Causes -	Total	5	
	From Sepsis .....	1	
	From Other Causes ...	4	
Death rate of infants under one year of age:	Legitimate ...	56.0	
	Illegitimate..	<u>8.0</u>	
	Total	64.0	
Deaths from Measles (all ages) .....	3		
Deaths from Whooping Cough (all ages) ....	1		
Deaths from Diarrhoea (under two years of age).....	8		
Deaths from Cancer (all ages) .....	105		





HEALTH COMMITTEE, 1941-42.

Alderman O. Lupton - Mayor (ex-officio).  
 .. E. Bloom (Chairman).  
 .. Green (Vice-Chairman).  
 Councillor Abigail.  
 .. Mrs. Breward.  
 .. D'Alby.  
 .. Magee.  
 .. Pinkney.  
 .. Stevenson.  
 .. Mrs. Venables.  
 .. Wheeler.  
 .. Williams.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

PUBLIC HEALTH STAFF.

Medical Officer of Health, School Medical Officer, etc.-  
 x J.J. McKEGGIN, M.B., Ch.B., D.P.H.  
 Deputy Medical Officer of Health -  
 x J.W.A. RODGERS, M.B., B.Ch., B.A.O., D.P.H. Resigned 29-6-42.  
 Assistant Medical Officers of Health -  
 x JEAN FLOYD FARQUHAR, M.B., Ch.B., D.P.H.  
 WILLIAM JAMES PEDEN, L.R.C.P. & S.I., D.P.H. Military Service  
 9-7-41.  
 x JOHN LISSAUER, M.D.  
 Consultant Obstetric Surgeons -  
 x Mr. H. HARVEY EVERS (Newcastle-on-Tyne).  
 x Mr. WM. HUNTER -do-  
 x Mr. E. FARQUHAR MURRAY -do-  
 x Mr. F. STABLER -do-  
 Consultants, Puerperal Pyrexia Regulations -  
 x A.C. AINSLEY, F.R.C.S., L.R.C.P.  
 x J.E. ENGLISH, M.B., B.Ch., B.A.O.R.U.I. Died 29-6-42  
 Ophthalmic Surgeon (part-time) -  
 x F.S. HUBBERTY, M.R.C.S., L.R.C.P., F.R.C.S. Military Service  
 5-12-42.  
 R. AJINKYA, B.(Dom.) B.O.S.(Eng.) D.O.(Oxon.) D.O.M.S.(Eng.)  
 Aural Specialist (part-time) -  
 x R.E. MARSHALL, M.B., Ch.B., F.R.C.S.  
 School Dentists -  
 x A.G. WILDGOOSE, L.D.S.  
 x Miss M.I. MURPHY, L.D.S.  
 Veterinary Surgeon (part-time) -  
 H. HICKS, M.R.C.V.S.  
 Sanitary Inspectors and Inspectors under Food and Drugs Acts -  
 J.T. DURKIN, C.R.S.I. Died 30-6-42.  
 x H.V. ROBINSON, C.R.S.I.  
 W. GOODCHILD, Cert. S.I.B. Appointed 26-5-42  
 W. THOMPSON, Cert. S.I.B.. Military Service 1940.  
 J. LIGHTFOOT, Cert. S.I.B. Returned from Military Service  
 10-3-42.  
 Assistant Sanitary Inspectors -  
 J. EDWARDS Military Service 15-7-39.  
 WM. R. KENT .. .. 12-11-41.  
 ARTHUR J. BELL .. .. 16.7.42.  
 Student Sanitary Inspectors -  
 A.G. COVERDALE Military Service 3-3-42.  
 B. BLOOM  
 Health Visitors -  
 x Miss A.G. TODD (Gen. & Fever Tr., Certified Midwife, H.V. Cert.)  
 x Miss A.S. BAGSHAW (Gen. Trained. Cert. Midwife, H.V. Cert.)  
 x Miss E. PEACOCK -do-  
 x Miss A. FIELDS -do-  
 x Mrs. C.E. HENDERSON -do-  
 x Mrs. I. GALLAGHER (Gen. & Fever Tr., Certified Midwife, H.V. Cert.)



Matron, Grantully Maternity Home -

Miss J.WIGHT (General Trained, Certified Midwife).

Resigned 22-10-42.

Miss M.B.PEIRSON (General Trained, Certified Midwife,

Housekeeping Certif.) Appointed 28-12-42.

Matron, Isolation Hospital -

Mrs. A.JONES (General and Fever Trained).

Matron, War-Time Nursery, Victoria Rd. -

Mrs. M.I.ROBINSON (General Trained).

Appointed 10-8-42.

School Nurses -

x Miss. E.WITTEN (General Trained, Reg.Sick Children's Nurse).

x Miss. O.DAVIN, S.R.N., R.C.C.F.

x Miss D.E.GIBSON, S.R.N., (Cert.Midwife, Queen's Reg.Nurse).

Clerks -

A.TRENHOLM.

Miss H.A.RIGBY.

Miss L.JARROLD.

Miss M.MACE.

Miss N.MOWBRAY.

Mrs. C.PALMER

Appointed 9-11-42

Mrs. E.PRITCHARD

Appointed 9-11-42

Miss J.RUDDOCK

Mrs. G.COVERDALE.

Resigned 10/4/42

Miss M.WILSON

National Service 9-12-42

H.HENNING.

Superintendent, Public Abattoir -

W.GRAZIER.

Public Analyst (part-time) -

C.J.H.STOCK, B.Sc., F.I.C.

Veneral Diseases Attendant -

A.ADAMSON

Disinfectors -

T.HODGSON.

A.BOWER.

#### HOWBECK HOSPITAL.

Senior Medical Officer -

W.A.NICHOLSON, M.R.C.S., L.R.C.P.

Surgeon -

A.C.AINSLEY, F.R.C.S., L.R.C.P.

Resident Medical Officers -

R.M.HUTCHISON, M.B., Ch.B.

F.C.E.HUTCHISON, M.B., Ch.B.

District Medical Officers under Poor Law Acts -

R.W.HILLIS, L.R.C.P.I. & L.M., L.R.C.S.I. & L.M.

G.S.MATHER, M.B., Ch.B., D.P.H.

A.R.MUIR, M.R.C.S., L.R.C.P.

x. Contributions to salaries from Exchequer Grants.

Municipal Midwives -

Mrs. I.BATEY, Certified Midwife No.56187.

Miss E.BOOTH, " No.93510.

Mrs. M.H.BRAND, " No.98274. Appointed 26-10-42

Mrs. M.G.CRAVEN, " No.39605. Resigned 31-3-42

Re-appointed 9-11-42.

Mrs. K.F.GALLIMORE, " No.90631.

Mrs. H.E.HUTCHINSON, " No.72784, Resigned 30-6-42.

Mrs. O.KAY, " No.67863

Miss E.KING, " No.63984

Mrs. A.A.MYERS, " No.74779

Mrs. B.PHILLIPS, " No.67935

Mrs. W.PICKERING, " No.74766

Mrs. L.R.WALKER, " No.104224





## LEGISLATION IN FORCE.

There were no changes in the list of Local Acts, Adoptive Acts, and Local Regulations and Byelaws relating to Public Health, during the year.

## LABORATORY WORK, 1942.

### Specimens examined.

Sputum	-	Tuberculosis	Positive	47	
			Negative	<u>215</u>	262
Swabs	-	Diphtheria	Positive	114	
			Negative	<u>1356</u>	1470
Smears	-	V.D.Clinic cases		42	
		Doctors' cases		12	
		Hospitals		<u>143</u>	197

## AMBULANCE FACILITIES.

Since the County Borough is a scheme-making authority under the Air Raid Precautions Act, the necessary ambulances have been obtained, and an ambulance service has been recruited and trained. During the period the service functioned satisfactorily.

## NURSING IN THE HOME

Arrangements under this heading remained the same as in previous years.

## INSTITUTIONAL TREATMENT FOR UNMARRIED MOTHERS, ILLEGITIMATE CHILDREN, AND WOMEN'S CHILDREN.

The Children's Homes have been closed since 20th November, 1939.

## POOR LAW I. LIFE.

### (i) INSTITUTIONAL RELIEF.

Number of persons admitted to the Public Assistance Institution during 1942:

For medical treatment .....1765 For indoor treatment....11

Number of persons in the Public Assistance Institution on 1st January, 1942 (excluding Colonists).....305

### (ii) OUT-RELIEF.

Number of new cases applying for out-relief only during 1942:-

Men.....587 Women.....809 Children.....1572

Number of persons receiving out-relief on 1st January, 1943:-

Men.....199 Women.....391 Children.....314

Number of cases applying for out-door medical relief only during 1942:-

Men.....15 Women.....68 Children.....67

Number of persons receiving medical relief on 1st January, 1943, who are also in receipt of out-door relief as shown in paragraph 4 above:-

Men..... 2 Women..... 9 Children..... 4





INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

During the year the numbers of mental defectives treated in the Colony at Howbeck House were as follows:-

	Adults		Children	
	Males.	Females.	Males.	Females.
High Grade .....	1	5	-	-
Medium Grade.....	12	63	4	6
Low Grade .....	19	79	12	4
Totals	32	147	16	10

Of the above, 192 were treated on behalf of other authorities.

MIDWIVES.

Cases attended during 1942:

	<u>As Midwives.</u>	<u>As Maternity Nurses.</u>
By Municipal Midwives	576	89
By Private Midwives	43	5
Totals	619	94

Some of the municipal midwives were engaged periodically in the Evacuation Scheme, accompanying expectant mothers and doing nursing duties at the Emergency Maternity Home.

HOME HELPS.

During the year Home Helps were engaged in 18 cases - 15 during the confinement of the mother and 3 during illness of the mother.

Payment for the Home Helps' services ranged from 5/3d per week to 35/- per week (full cost), in accordance with the financial circumstances of the families.

The average period of attendance was 15 days.

MATERNITY CASES IN GRANTULLEY MATERNITY HOME & HOWBECK HOSPITAL.

			<u>GRANTULLEY.</u>	<u>HOWBECK.</u>
Number of Maternity beds	...	...	16	4
Number of Maternity cases admitted during 1942	...	...	215	115
Average duration of stay	...	...	14 days	14 days
Number of cases admitted for ante-natal treatment	...	...	6	18
Cases delivered by -				
(a) Doctors	...	...	103 *	21
(b) Midwives	...	...	111	94
Cases in which medical aid was sought in emergency	...	...	48	21
Cases notified as puerperal pyrexia	...	...	8	3
Cases notified as pemphigus neonatorum	...	...	-	-
Infants not entirely breast fed while in the Home	...	...	9	10
Cases of Ophthalmia Neonatorum	...	...	1	1
Maternal Deaths	...	...	-	2
Infant Deaths				
(a) Stillborn	...	...	6	8
(b) Within 10 days of birth	...	...	7	1

\* 1 delivered before admission





CLINICS AND TREATMENT CENTRES.

ANTE NATAL CENTRE.

	1942	1941.
Total attendances ...	583	618
No. of cases attending ...	341	275
No. of new cases during the year ...	239	260

MATERNITY AND CHILD WELFARE CENTRES.

Total children attending Centres ...	2447	2336
Total attendances ...	32637	25006
No. of children who made first attendances ...	1132	1058
No. of visits made by these children ..	10704	10126
No. of children who attended in previous years ...	1315	1278
No. of visits made by these children ..	21953	14880
No. of new attenders under 1 year ...	961	823
No. of new attenders between 1 & 5 ...	171	235

ANTE-NATAL SCHEME.

The Council's scheme for ante-natal and post-natal treatment by private practitioners was continued during the year.

MATERNITY INSURANCE SCHEME.

	Year ended 31st March, 1943.	Year ended 31st March, 1942.
No. of Contributors to Scheme	393	386
Amount of Contributory Fees rec'd	£191.10. 0d.	£191. 3. 6d.
Confinements during the period -		
(a) No medical attention	168	139
(b) With medical attention	188	132
Contributory Fees received in respect of (a) & (b) above	£178. 0. 0d.	£135.10. 0d.
Amount of Doctors' fees paid by the Corporation	£376. 3. 6d.	£281. 3. 0d.
No. of cases where confinement has not taken place during the period	125	103
Percentage of cases in which medical treatment was required	52.8%	49%
Average cost per case of medical treatment.	£2. 0. 0d.	£2. 2. 7d.
Amount received in contributory fees for each case treated.	18.11d.	£1. 0. 6d.
Loss to Corporation per case treated	£1. 1. 1d.	£1. 2. 1d.

TUBERCULOSIS ( by Dr. Lissauer)

The statistics for 1942 show only a very slight increase of tuberculosis in West Hartlepool, and considering the general increase in tuberculosis under war conditions are not at all alarming.

We considered it our main task to examine as many contact cases as possible, especially young children, who, more than anyone else are liable to tuberculous infection. Tuberculin tests were carried out in a great number of children under 5 of infected families. These tests proved again to be a useful help in early diagnosis in young children. A further important resource in the early diagnoses of tuberculosis is a blood sedimentation test, which was carried out in a number of adults.

Careful watch of the contact cases and early diagnosis are one of the means to prevent further spread of the disease, and it is hoped that with the new mass miniature radiography facilities shortly to be made available, we shall have further help in this respect.





TUBERCULOSIS - Number of Cases on the Register on  
31st December, 1942.

PULMONARY			NON-PULMONARY			TOTAL
Males.	Females.	Total.	Males.	Females.	Total.	CASES.
163	156	319	93	84	177	496

TUBERCULOSIS - NEW CASES AND MORTALITY, 1942.

Age periods.	NEW CASES				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	Male.	Female.	Male.	Females.	Male.	Female.	Male.	Female.
0 ....	-	-	-	-	-	-	-	-
1 year	3	3	4	1	-	-	3	-
5 years	3	-	5	7	-	-	1	3
10 years	2	1	5	4	1	1	5	1
15 years	5	8	3	1	3	6	2	1
20 years	6	13	-	2	4	5	1	-
25 years	9	10	4	-	3	3	3	-
35 years	8	11	-	-	5	2	-	-
45 years	7	2	-	1	4	1	-	1
55 years	5	-	-	-	4	-	-	-
65 & upwards	1	-	1	-	-	-	1	-
Totals	49	48	22	16	24	18	16	6

VENEREAL DISEASES

Consequent on the general increase of venereal diseases under war conditions there has been an increase of new cases in this town.

In general the attendance of patients has been regular and the number of defaulters was only a very small proportion. Attendance of females especially has increased considerably and the Wednesday evening clinic for women, introduced in 1941, to enable those who are working to attend the centre, has proved a complete success and is now one of our best attended clinics. A further sign of the general confidence people are showing in the clinic is a marked increase in the number of patients who were proved to be non V.D., which means that a number of patients with minor ailments, who suspected infection, came for examination.

In spite of propaganda and regulations, there has been an increase of 28% over 1941 in patients attending the clinic and suffering from Venereal Diseases. One finds that the regulations could be much more severe, when it is realised that sufferers are quite within the law if they attend for treatment, but are still free to carry on their nefarious practices whilst far from being free from infection. How much better would it be if they could be hospitalised until regarded as free from infection if not completely cured in themselves, further treatment being continued at the Public Clinic.





INFECTIOUS DISEASES.

NOTIFIED CASES, 1942.

DISEASE	Cases notified in whole district.												
	At	Age groups - years.											
	all ages	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and up
Scarlet Fever	249	1	13	32	25	35	115	19	3	4	1	1	-
Diphtheria	103	1	8	11	10	11	29	10	13	9	1	-	-
Typhoid Fever	1	-	-	-	-	-	-	-	-	1	-	-	-
Puerperal Pyrexia	19	-	-	-	-	-	-	-	2	16	1	-	-
Ophthalmia Neonatorum	17	17	-	-	-	-	-	-	-	-	-	-	-
Pneumonia	119	9	9	4	-	2	12	9	11	21	13	19	10
Erysipelas	22	-	-	1	-	-	-	1	1	1	6	9	3
Cerebro-Spinal Fever	9	-	-	-	1	2	1	3	1	1	-	-	-
Anterior Poliomyelitis	1	-	1	-	-	-	-	-	-	-	-	-	-
Measles	513	23	91	73	89	94	119	13	7	3	-	1	-
Whooping Cough	22	3	5	7	2	2	3	-	-	-	-	-	-
Pulmonary Tuberculosis	97	-	-	1	2	3	3	3	13	33	24	14	1
Non-Pulmonary Tuberculosis	38	-	2	2	1	-	12	9	4	6	-	1	1
Totals	1210	54	129	131	130	149	294	67	55	95	46	45	15

WARD DISTRIBUTION OF CASES, CASES TREATED IN HOSPITAL, & DEATHS.

DISEASE	WARDS								Cases treated in Hosp.	Total Deaths.
	N.	W.	P.	SW.	SE.	G.	NE.	Stn.		
Scarlet Fever	43	19	13	43	28	29	35	39	135	-
Diphtheria	8	5	11	5	24	5	11	34	93	6
Typhoid Fever	-	-	-	-	1	-	-	-	1	1
Puerperal Pyrexia	5	1	-	9	2	2	-	-	14	1
Ophthalmia Neonatorum	5	1	2	2	1	3	-	3	8	3
Pneumonia	28	3	10	17	12	12	20	17	39	11
Erysipelas	6	2	3	4	1	2	3	1	-	-
Cerebro-Spinal Fever	1	1	-	3	-	2	-	2	6	3
Anterior Poliomyelitis	-	-	-	-	-	-	1	-	-	1
Measles	80	37	35	62	78	84	82	55	20	4
Whooping Cough	4	2	2	-	1	3	7	3	5	1
Pulmonary Tuberculosis	16	6	14	13	14	5	12	17	...	42
Non-Pulmonary Tuberculosis	13	2	2	4	2	7	5	3	...	22
Totals	209	79	92	162	164	154	176	174	321	95





SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

Below is given the Public Analyst's Report on a sample of the water supply of the Borough, which shows that the sample is of good and wholesome quality:

				<u>Parts per 100.000.</u>
Chlorine as Chlorides	..	..	..	14.5000
Nitrogen as Nitrates	..	..	..	.1514
Ammonia	..	..	..	.0344
Albuminoid Ammonia	..	..	..	.0096
Oxygen Absorption	..	..	..	.0230
Injurious Metals	..	..	..	None
Total Solid Matter dried @ 100°C.				90.0000
Temporary Hardness	25.2	degrees.		
Permanent Hardness	18.6	degrees.		
Colour of sample on Hazen Scale	..	2		
Appearance of Sample in 2 foot tube.		Not quite bright.		
Odour when heated to 50°C.	..	None.		
Microscopical examination	..	Satisfactory.		
<u>Bacteriological Examination.</u>				
Number of colonies on Nutrient Agar				
@ 37°C after 72 hours				1 per 2 ml.
Number of colonies on Nutrient Agar				
@ 20-22°C after 72 hours				1 per ml.
Presumptive B.Coli Test at 37°C after				(Positive in 100 ml.
72 hours				(Negative in 90 ml.
Clostridium Welchii @ 44°C				Negative in 40 ml.

Analyst's Observations.

The sample affords no evidence of pollution by sewage or other foul drainage, and it is of good and wholesome quality for human consumption.

HOUSING.

The number of inhabited houses in the Borough at the end of 1942 was 18,500

During 1942, 1 house and shop was built by private enterprise. No houses were built by the Corporation during the year.





HOUSING

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR -

(1)(a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	636
(b) Number of inspections made for the purpose	1658
(2)(a) Number of dwelling houses (included under (1) above) which were inspected and recorded under the Housing Consolidated Reg'ns 1925	-
(b) Number of inspections made for the purpose	-
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for habitation	-
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for habitation	283

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :-

Number of defective dwelling houses rendered fit in consequence of informal action by the local authority or their officers	271
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3. ACTION UNDER STATUTORY POWERS DURING THE YEAR -

A.Proceedings under Secs. 9, 10, and 16 of the Housing Act, 1936 -

(1) Number of dwelling houses in respect of which notices were served requiring repairs	-
(2) Number of dwelling houses which were rendered fit after service of formal notices-	
(a) by owners	-
(b) by local authority in default	-

B.Proceedings under Public Health Acts-

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	10
(2) Number of dwelling houses in which defects were remedied after service of formal notices:-	
(a) by owners	10
(b) by local authority in default	-

C.Proceedings under Sections 11 and 13 of the Housing Act, 1936:-

(1) Number of dwelling houses in respect of which Demolition Orders were made	-
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	-

D.Proceedings under Section 12 of the Housing Act, 1936 -

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	-
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	-

4. HOUSING ACT, 1936, PART IV. OVERCROWDING -

(a)(i) Number of dwellings overcrowded at the end of the year	1098
(ii) Number of families dwelling therein	1374
(iii) Number of persons dwelling therein	7632
(b) Number of new cases of overcrowding reported during the year	-
(c) (i) Number of cases of overcrowding relieved during the year	7
(ii) Number of persons concerned in such cases	46
(d) Cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	-





PUBLIC ABATTOIR.

Animals slaughtered at Abattoir.

Year.	Beasts.	Sheep.	Calves.	Pigs.	Total.
1933	4465	14219	419	9458	28,561
1934	4581	13556	728	8772	27,637
1935	4839	11429	1056	9231	26,555
1936	5538	11135	1187	9769	27,629
1937	5157	8555	736	9510	23,958
1938	4426	11067	694	8544	24,731
1939	4417	11362	842	7232	24,359
1940	3706	19297	137	5324	26,464
1941	2247	12753	186	3301	18,487
1942	3019	14180	61	95	17,355

Total Cattle Slaughtered (including calves) ...	1942
Number affected with Tuberculosis ...	3080
Percentage affected ...	135
Total number of pigs slaughtered...	4.38%
Number affected with Tuberculosis..	95
Percentage affected ...	2
	2.10%

CARCASSES INSPECTED AND CONDEMNED.

	Cattle exclu- ding Cows.	Cows.	Calves.	Sheep & Lambs.	Pigs.
Number killed (if known)	3019		61	14180	95
Number inspected	3019		61	14180	95
All diseases except tuberculosis. Whole carcasses condemned.	1	1	-	7	1
Carcasses of which some part or organ was condemned.	52	36	-	130	-
Percentage of the insp- ected affected with disease other than tuberculosis.	2.98		0.00	0.96	1.05
Tuberculosis only. Whole carcasses condemned.	6	9	-	-	2
Carcasses of which some part or organ was condemned.	53	67	-	-	-
Percentage of the number inspected affec- ted with Tuberculosis.	4.38		0.00	-	2.10





# DIPHTHERIA IMMUNISATION.

Cinema shows, posters, lectures and birthday cards have all been invoked in an effort to convince the population of the advantages of protecting their children against diphtheria, but quite frankly the response in the age group under 5 has been poor, and various excuses are put forward.

I cannot stress too strongly the advantages in the saving of life and disabilities achieved by this simple operation, if one can dignify the simple methods involved by such a term, with the minimum of discomfort or inconvenience caused to the patient.

It is to me so disappointing to see so many children in a diphtheria ward, some acutely ill, when it all could be avoided by a little trouble on the part of the parents.

We do not guarantee complete protection, but surely a figure in the neighbourhood of 90% is sufficient attraction and a sufficient stimulus to the thoughtful parent.

570 children under 5 and 860 between 5 and 15 were immunised during 1942 and these figures have been more than doubled in the first half of 1943.

## APPENDIX I. BIRTH RATES.

Year.	West Hartlepool.		England & Wales Birth Rate.
	No. of Births.	Birth Rate.	
1933	1,298	18.3	14.4
1934	1,357	18.9	14.8
1935	1,447	20.2	14.7
1936	1,304	18.4	14.8
1937	1,296	18.4	14.9
1938	1,367	19.4	15.1
1939	1,346	19.2	15.0
1940	1,150	17.8	14.6
1941	1,068	17.11	14.2
1942	1,151	18.76	15.8

## APPENDIX 2. NATURAL INCREASE OF POPULATION.

The natural increase of population was 373

Rates of Natural increase, per 1,000 population.

<u>1933.</u>	<u>1934.</u>	<u>1935.</u>	<u>1936.</u>	<u>1937.</u>	<u>1938.</u>	<u>1939.</u>	<u>1940.</u>	<u>1941.</u>	<u>1942.</u>
5.7	6.8	7.1	5.7	5.3	6.6	6.6	3.0	1.5	6.1



APPENDIX 3. DEATHS - CAUSES & WARD DISTRIBUTION.

	Total Deaths	Wards								Tran- sfer- able.
		N.	W.	P.	SW.	SE.	C.	NE.	S.	
Enteric Fever	1	-	-	-	-	1	-	-	-	-
Cerebro-spinal Fever	2	-	-	-	1	-	1	-	-	-
Whooping Cough	1	-	1	-	-	-	-	-	-	-
Diphtheria	6	1	-	-	1	3	-	-	1	-
Tuberculosis (Respiratory)	42	7	4	3	4	1	5	7	11	-
Other Tuberculosis Diseases	22	2	2	-	2	2	4	3	3	4
Syphilitic Diseases	5	-	-	2	-	-	2	1	-	-
Influenza	1	-	-	-	-	-	-	-	1	-
Measles	4	-	-	-	-	-	4	-	-	-
Encephalitis	1	-	-	-	-	-	-	1	-	-
Cancer	105	15	16	13	8	4	9	10	19	11
Diabetes	7	1	1	-	2	-	-	-	1	2
Heart Disease	207	27	15	27	30	26	21	26	31	4
Other Diseases of Circulatory System	98	15	9	15	12	7	10	11	13	6
Bronchitis	51	8	6	3	14	7	4	6	3	-
Pneumonia	37	6	2	4	4	4	7	4	6	-
Other Respiratory Diseases	13	5	1	1	2	2	2	-	-	-
Ulcer of stomach & Duodenum	3	1	-	1	-	-	-	-	1	-
Diarrhoea (under 2 years)	8	1	-	-	2	1	-	2	2	-
Appendicitis	2	-	-	1	-	-	-	1	-	-
Other Digestive Diseases	15	2	2	4	1	1	1	3	-	1
Nephritis	18	1	3	3	2	3	2	4	-	-
Puerperal Sepsis	1	-	-	-	1	-	-	-	-	-
Other Maternal Causes	4	1	-	-	-	1	1	-	-	1
Congenital Debility and Premature Births	37	10	-	2	5	5	6	2	5	2
Suicide	1	-	-	1	-	-	-	-	-	-
Other Violent Causes (including Road Traffic accidents)	26	3	2	2	1	5	4	3	3	3
All Other Causes	60	5	2	10	7	2	9	4	8	13
Totals	778	111	66	92	99	75	92	88	108	47





DEATHS - CAUSES & AGES AT DEATH

	All Ages	AGE GROUPS									Deaths in Insti- tutions.	Increase or Decrease compared with 1941
		Und- er 1	1 to 2	2 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 to 75	75 Up		
Enteric Fever	1	-	-	-	-	-	1	-	-	-	1	Same
Cerebro-spinal Fever	2	-	-	-	2	-	-	-	-	-	2	- 2
Whooping Cough	1	-	-	-	1	-	-	-	-	-	1	- 6
Diphtheria	6	-	3	2	1	-	-	-	-	-	5	- 3
Tuberculosis (Respiratory)	42	-	-	-	2	18	13	9	-	-	17	- 22
Other Tuberculosis Diseases	22	-	2	1	10	3	3	2	1	-	12	Plus 6
Syphilitic Diseases	5	-	-	-	-	-	-	4	1	-	4	- 1
Influenza	1	-	-	-	-	-	-	1	-	-	-	- 6
Measles	4	1	2	1	-	-	-	-	-	-	-	- 4
Encephalitis	1	-	1	-	-	-	-	-	-	-	-	- 1
Cancer	105	-	-	-	-	-	6	44	45	10	32	- 26
Diabetes	7	-	-	-	-	-	1	3	3	-	2	Same
Heart Disease	207	-	-	-	1	1	6	58	60	81	64	Plus 23
Other Diseases of Circulatory System	98	-	-	-	-	-	2	24	44	28	32	- 4
Bronchitis	51	9	-	-	-	-	2	17	11	12	11	- 12
Pneumonia	37	12	2	2	1	4	3	7	4	2	14	- 13
Other Respiratory Diseases	13	-	-	-	1	1	2	4	4	1	1	Same
Ulcer of Stomach & Duodenum	3	-	-	-	-	-	1	1	1	-	1	- 7
Diarrhoea (under 2 years)	8	8	-	-	-	-	-	-	-	-	2	- 2
Appendicitis	2	-	-	-	-	-	-	1	1	-	2	Plus 1
Other Digestive Diseases	15	4	-	-	-	-	1	4	2	4	6	- 1
Nephritis	18	-	-	-	-	-	-	6	6	6	12	Plus 5
Puerperal Sepsis	1	-	-	-	-	1	-	-	-	-	-	- 1
Other Maternal Causes	4	-	-	-	-	2	2	-	-	-	4	Same
Congenital Debility and Premature Births.	37	35	-	2	-	-	-	-	-	-	14	Plus 6
Suicide	1	-	-	-	-	-	-	1	-	-	1	- 3
Other Violent Causes (including Road Traffic accidents)	26	-	1	1	3	2	7	5	5	2	11	- 57
All Other Causes	60	5	-	-	-	3	6	11	12	23	14	- 63
Totals	778	74	11	9	22	35	56	202	200	169	265	Minus 193



APPENDIX 4.                      DEATH RATES.

Year	<u>WEST HARTLEPOOL</u>		England & Wales.
	No. of deaths.	Death rate.	
1933	892	12.6	12.0
1934	873	12.2	11.8
1935	933	13.0	11.7
1936	903	12.7	12.1
1937	924	13.1	12.4
1938	897	12.7	11.6
1939	882	12.8	12.1
1940	951	14.7	14.3
1941	971	15.57	12.9
1942	778	12.68	11.6

APPENDIX 5.                      CANCER DEATHS.

Year	No. of Cancer Deaths	Males	Females	Death rate	Death from all causes	Percentage of total deaths
1933	97	51	46	1.38	892	10.8
1934	119	62	57	1.66	873	13.6
1935	107	61	44	1.49	933	11.7
1936	103	66	37	1.45	903	11.4
1937	103	51	52	1.47	924	11.1
1938	112	54	58	1.59	897	12.5
1939	121	58	63	1.76	882	13.7
1940	108	49	59	1.67	951	11.3
1941	131	70	61	2.1	971	13.5
1942	105	55	50	1.71	778	13.5

The deaths were ascribed to:-

Carcinoma; 87, Epithelioma; 3, Sarcoma; 1.  
No classification 14

APPENDIX 6.                      INFANTILE MORTALITY RATES.

Year	<u>WEST HARTLEPOOL</u>			England & Wales
	Births	Deaths	I.M. Rate	
1933	1298	99	76	64
1934	1357	92	67	59
1935	1447	127	87	57
1936	1304	70	53	59
1937	1296	81	62	58
1938	1367	80	58	53
1939	1339	94	70	50
1940	1127	93	82	55
1941	1068	90	84	59
1942	1151	74	64	49





APPENDIX 7. BIRTH RATE, DEATH RATE AND ANALYSIS OF MORTALITY, 1942.

	England & Wales.	126 County Boroughs & Great Towns including London.	148 Smaller Towns, estimated resident Population 25,000 to 40,000 Census 1931.	London	West Hartlepool.
Rate per 1,000 total population.					
Live Births.	15.8	17.5	18.4	14.0	18.76
Still Births.	0.54	0.66	0.62	0.48	0.76
Annual Death rate per 1,000 Population.					
All Causes	11.6	13.3	12.1	13.9	12.68
Enteric Fever.	0.00	0.00	0.00	0.00	0.01
Small Pox.	0.00	0.00	0.00	0.00	0.00
Measles.	0.01	0.02	0.01	0.01	0.06
Scarlet Fever.	0.00	0.00	0.00	0.00	0.00
Whooping Cough.	0.02	0.03	0.02	0.04	0.01
Diphtheria.	0.05	0.06	0.04	0.02	0.09
Influenza.	0.09	0.09	0.10	0.07	0.01
Rate per 1,000 Live Births.					
Diarrhoea & Enteritis (under 2 years).	5.2	7.5	4.8	8.6	6.9
Total Deaths under 1 year.	49	59	46	60	64

APPENDIX 8. VACCINATION.

	1942.	1941.
Births registered	1086	1135
Successfully vaccinated	606	625
Conscientious objectors	338	371
Died unvaccinated	59	58
Insusceptible	2	4
Postponed by medical certificate	17	11
Removed to other districts	23	12
Lost sight of	36	48
Still under notice	5	6
Percentage of unvaccinated children.	44.19%	44.93%





